

## State Water Resources Control Board

### UST CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: State Water Resources Control Board (State Water Board)	Address: 1001 I Street, P.O. Box 2231 Sacramento, CA 95812
Current Agency Caseworker: Mr. Matthew Cohen	Case No.: N/A
Former Agency Name: Los Angeles County Department of Public Works (Prior to 7/1/2013)	Address: 900 South Fremont Avenue Alhambra, CA 91803
Former Agency Caseworker: Mr. John Awujo	Case No.: TT012360-012491

#### Case Information

USTCF Claim No.: None	Global ID: T0603705128
Site Name: LA Co Fire Station #95	Site Address: 137 West Redondo Beach Boulevard Gardena, CA 90248 (Site)
Responsible Party: Los Angeles County Fire Department	Address: 1320 North Eastern Avenue Los Angeles, CA 90063
USTCF Expenditures to Date: N/A	Number of Years Case Open: 16

URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705128](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705128)

#### Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The release at the Site was discovered when one underground storage tank (UST), one dispenser, and associated product piping were removed from the Site in April 1997. Confirmation sampling indicated residual petroleum constituents in the soil beneath the former UST at 13 and 16 feet below ground surface (bgs). As part of a Phase II Site Assessment conducted at the Site in April 1999, four soil borings were advanced to 40 feet bgs. Sample results indicated that petroleum constituents were limited to the area beneath the former UST. Maximum concentrations were detected at 20 feet bgs. No petroleum constituents were detected at 25 feet bgs. The Site is operated as an active fire station.

LA Co Fire Station #95  
137 West Redondo Beach Boulevard, Gardena, Los Angeles County

Groundwater was not encountered to the maximum depth explored at the Site (40 feet bgs); however, depth to water is estimated to be approximately 40 to 44 feet bgs in the area of the Site. The nearest public supply well and surface water body are greater than 1,000 feet from the Site. Additional corrective action will not likely change the conceptual site model. Residual petroleum constituents pose a low significant risk to human health, safety, and the environment.

### Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site releases **HAVE NOT LIKELY AFFECTED GROUNDWATER**. There are not sufficient mobile constituents (leachate, vapors, or light non aqueous phase liquid) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets **CRITERION (2) b**. A Site-specific risk assessment of the vapor intrusion pathway was conducted. The assessment found that there is a low risk of petroleum vapors adversely affecting human health. Benzene and MTBE were not detected during the 1999 investigation and the tank cavity was filled with clean fill material.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **CRITERION (3) b**. A Site-specific risk assessment of the direct contact and outdoor air exposure pathway was conducted. The assessment found that there is a low risk of residual petroleum constituents adversely affecting human health. Impacted soils are likely located deeper than ten feet bgs.

### Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, and the environment, and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.

George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

4/22/14

Date

